

# TELAAH SCIMAGOJR

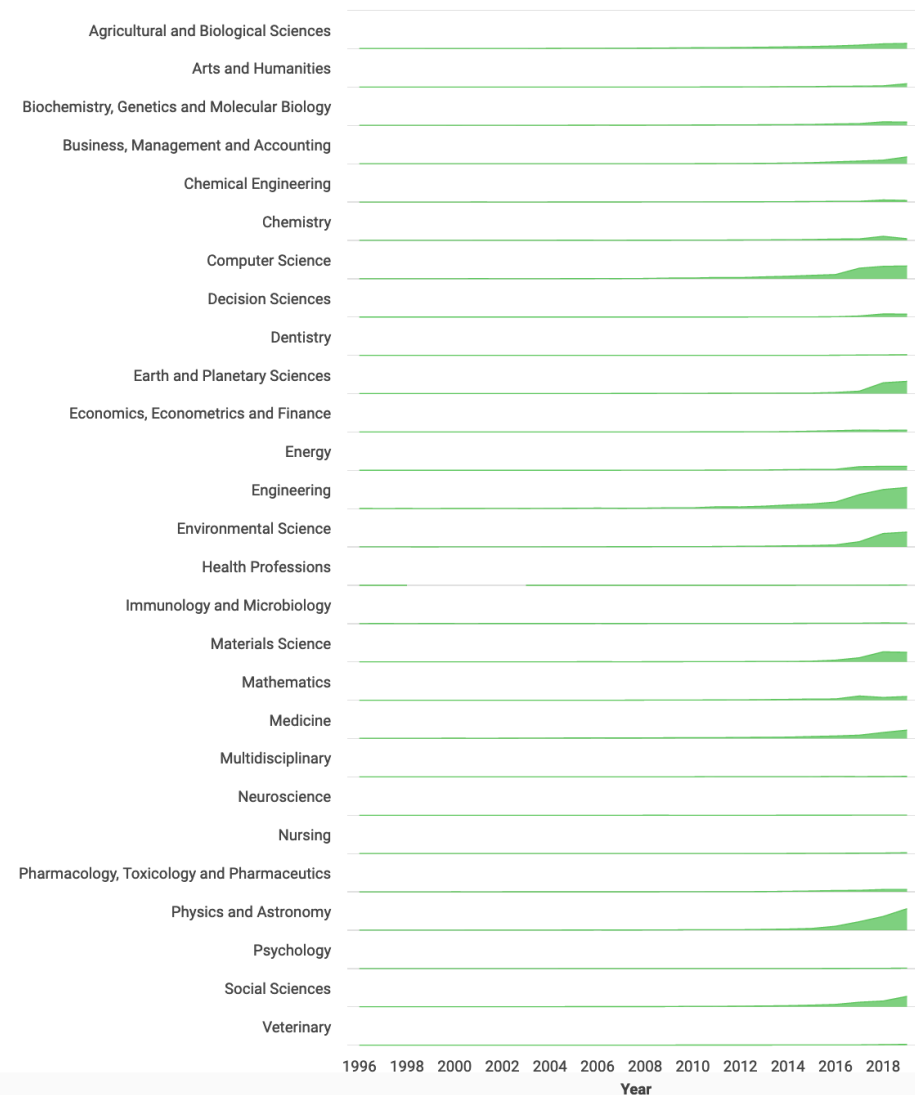
Oleh:  
Dasapta Erwin Irawan  
Institut Teknologi Bandung, [RINarxiv](#)

# Metode

- Scimagojr.com
- Menu “Viztools”
- Eksplorasi data

# Country graph

Documents by subject areas



# Docs by subject areas

Menunjukkan perkembangan jumlah docs per subject areas tahun 1996-2020

Ada yang berkembang sejak lama (seperti engineering, computer science)

Ada yang belakangan (seperti earth and planetary sciences, energy, physics and astronomy)

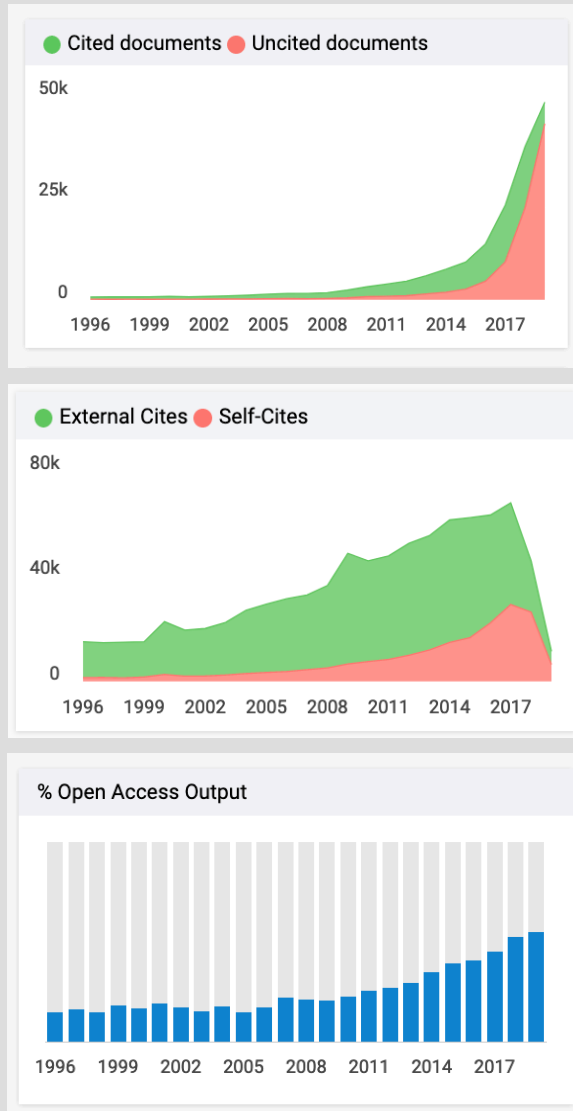
Banyak juga yang stagnan (seperti matematika, arts and humanities, agricultural biological sciences)

# Citations

Jumlah totalnya mengalami peningkatan yang ditandai dengan “tekuk lereng”/ *slope break* (istilah geomorfologi) pada tahun 2008 (1294), 2012 (3288), 2015 (6106), 2016 (8446).

Jumlah external cites dan selfcites meningkat secara proporsional dengan *spike* terjadi di tahun 2000, 2009 dan 2014. Penyebab?

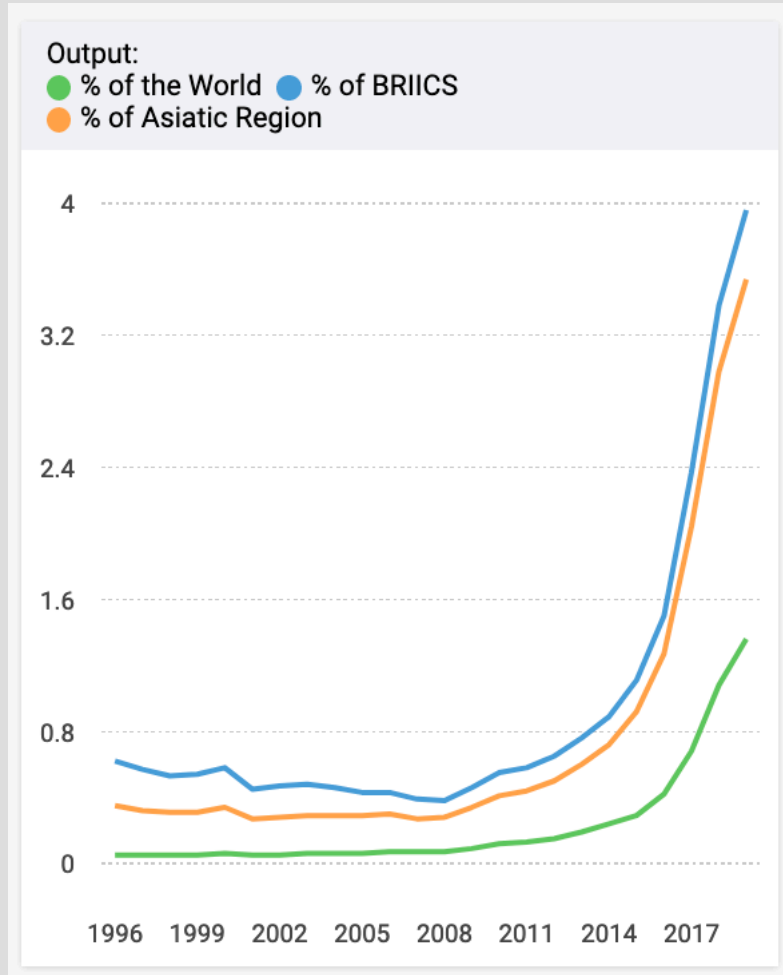
Peningkatan jumlah sitasi (sepertinya) berhubungan dengan peningkatan jumlah dokumen berjenis OA.



# Proporsi luaran

Pada tahun 2008 = 0,07% dunia dan 0,28% asiatic

Pada tahun 2019 = 1,36% dunia dan 3,54% asiatic



# % kolaborasi internasional



Menunjukkan % dokumen yang ditulis bersama dengan penulis dari negara lain.

Menurun. Penyebab?

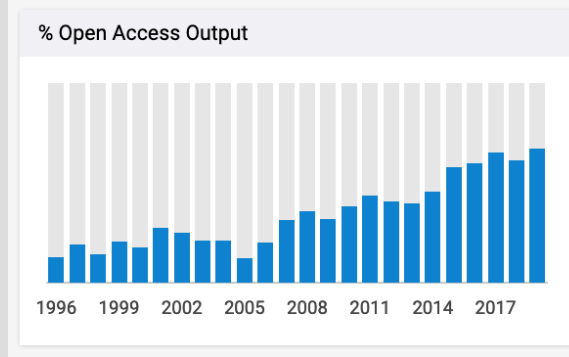
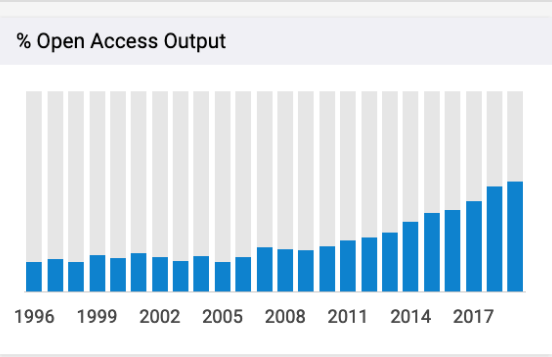
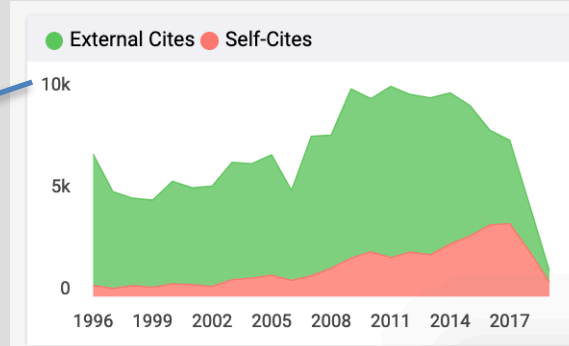
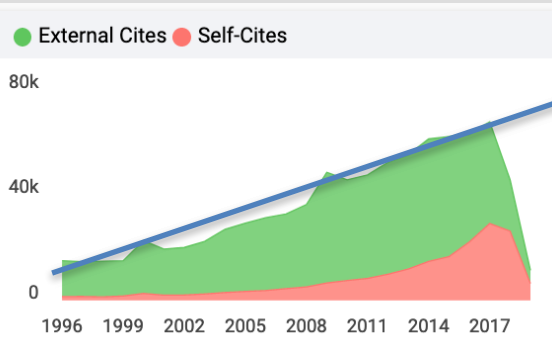
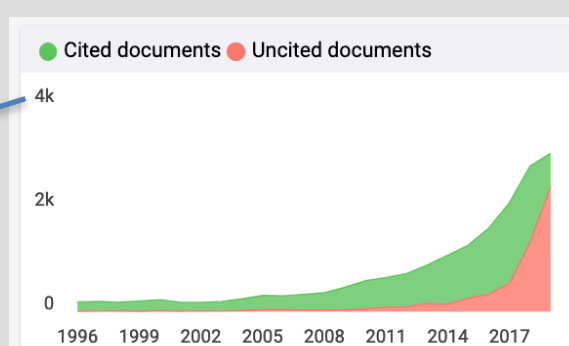
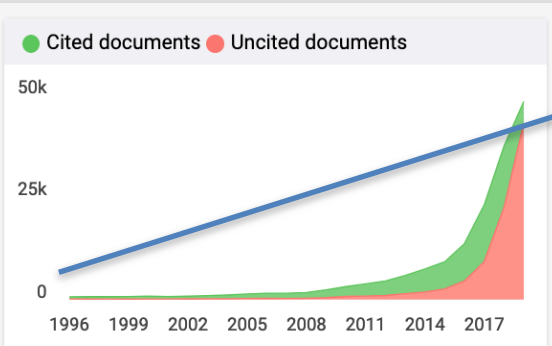
Sekarang kita bandingkan dengan kondisi  
pada beberapa subject area



Agricultural and biological sciences



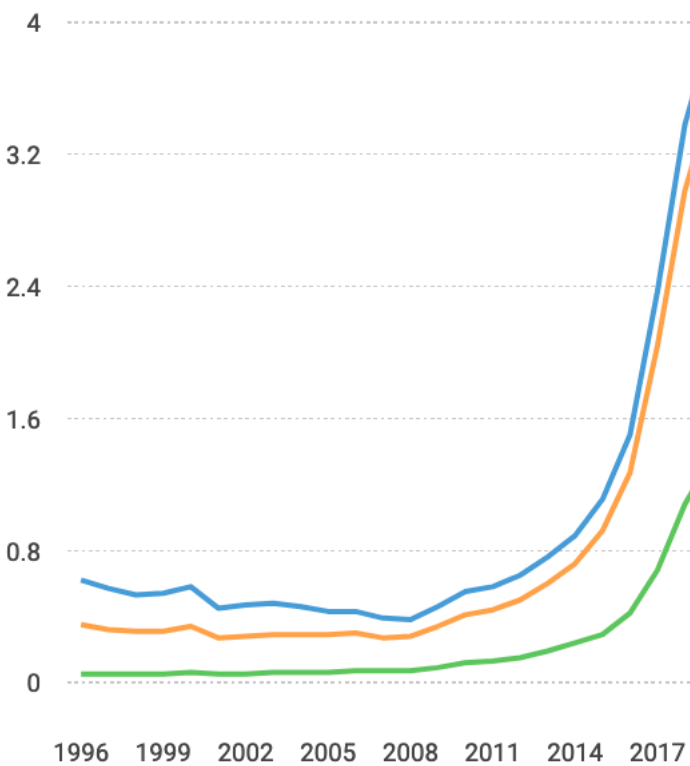
# Citations



Output:

● % of the World ● % of BRIICS

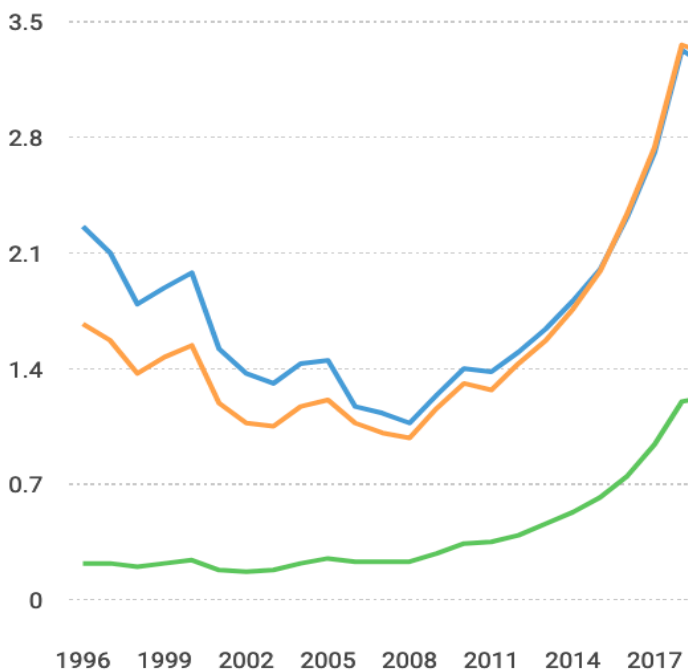
● % of Asiatic Region



Output:

● % of the World ● % of BRIICS

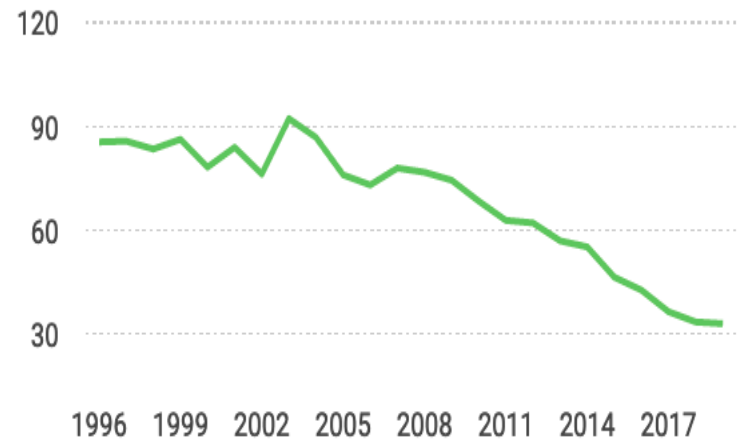
● % of Asiatic Region



● % International Collaboration

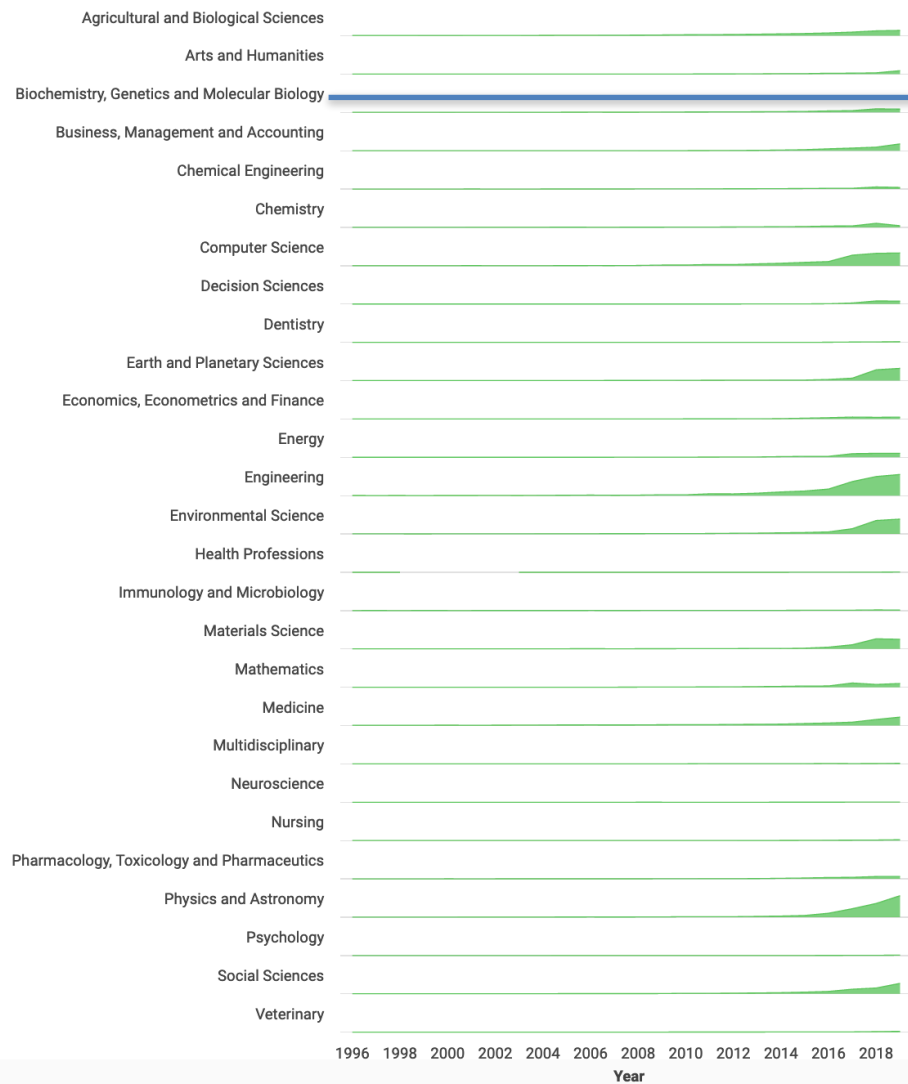


● % International Collaboration

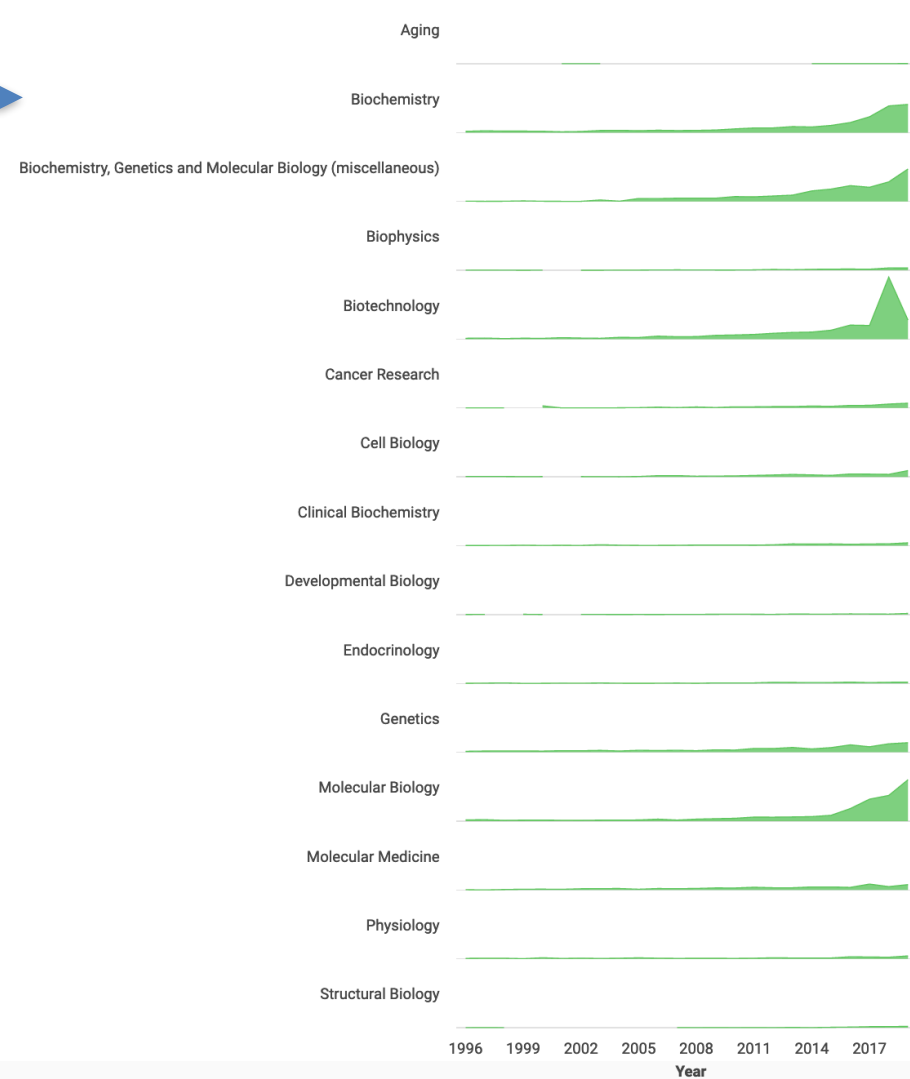


Biochemistry, genetics, and molecular biology

## Documents by subject areas

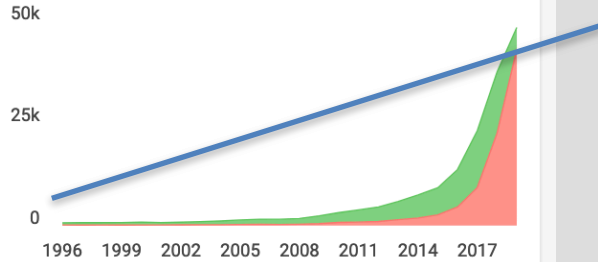


## Documents by subject categories

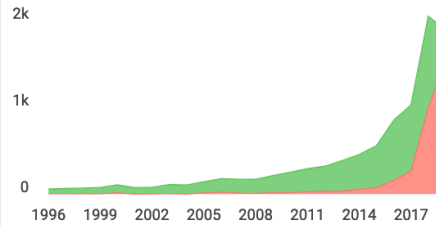


# Citations

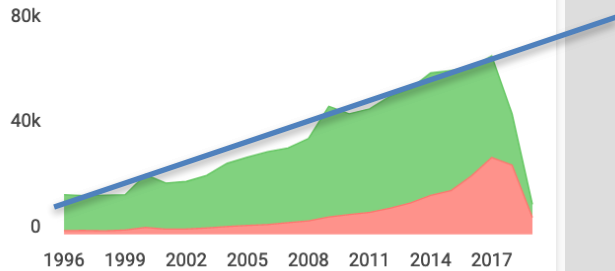
● Cited documents ● Uncited documents



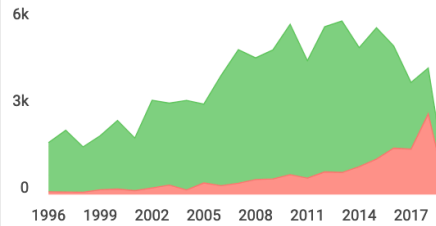
● Cited documents ● Uncited documents



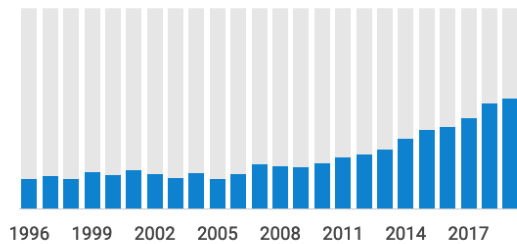
● External Cites ● Self-Cites



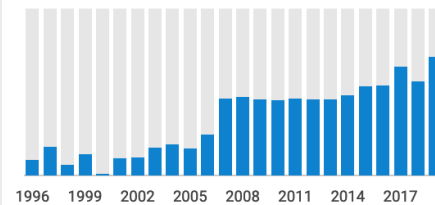
● External Cites ● Self-Cites



% Open Access Output



% Open Access Output

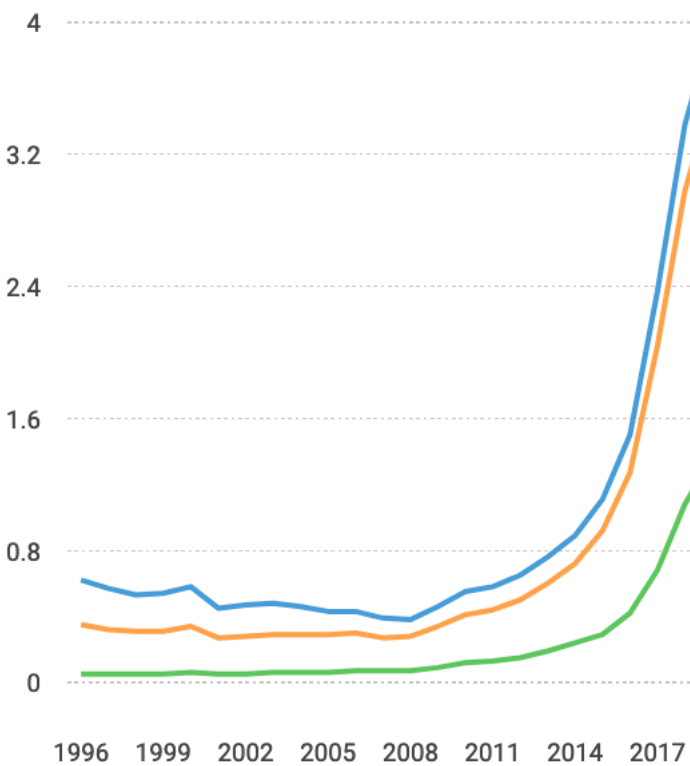




Output:

● % of the World ● % of BRIICS

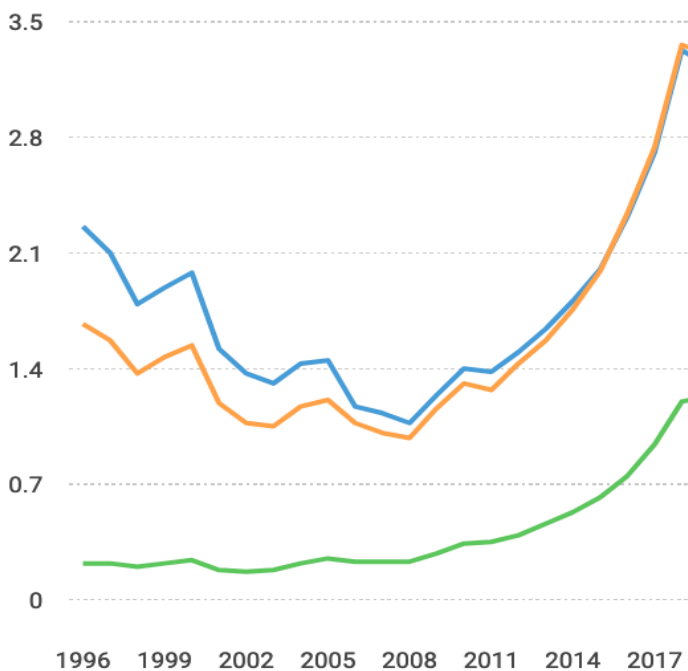
● % of Asiatic Region



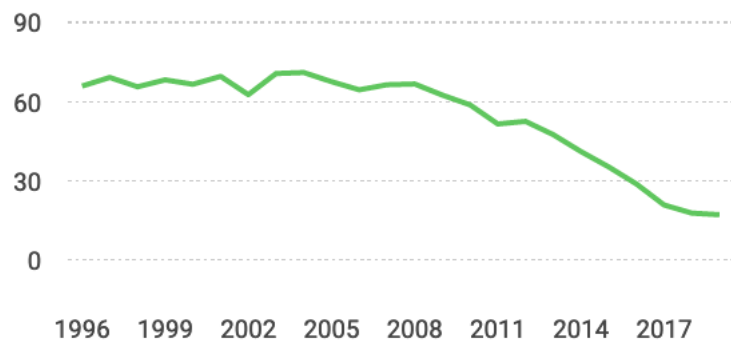
Output:

● % of the World ● % of BRIICS

● % of Asiatic Region



● % International Collaboration



● % International Collaboration

